

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#2515
Plunkett
6/3/00

In re Patent Application of

Joe GRAY et al

Application No.: 08/477,316

Filed: June 7, 1995

For: CHROMOSOME-SPECIFIC
STAINING TO DETECT
GENETIC REARRANGEMENTS
ASSOCIATED WITH CHROMOSOME
3 AND/OR CHROMOSOME 17



Group Art Unit: 1655

Examiner: A. Marschel

REPLY & AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In complete response to the Official Action mailed November 29, 1999,
please amend the above-cited application as follows:

IN THE CLAIMS

1. (Four Times Amended) A method of staining targeted interphase
chromosomal material based upon a nucleic acid segment employing a unique
sequence high complexity nucleic acid probe of greater than about 50,000 bases,
wherein said targeted chromosomal material is a genetic rearrangement associated
with chromosome 3 and/or chromosome 17 in humans, said method comprising
employing said chromosomal material and a unique sequence high complexity

E1
SUB
A1